

ENGINE COOLING

Cooling is provided by air passing over the cooling fins on the engine cylinder head and cylinder. It is very important to keep these fins free from buildup of dirt, oil, grease and other foreign matter. Brush out the fins with a whisk broom or small stiff paint brush.

CAUTION

Remember, these fins are thin in order to dissipate heat and may be damaged if struck too hard.

SERVICING ENGINE IN FRAME

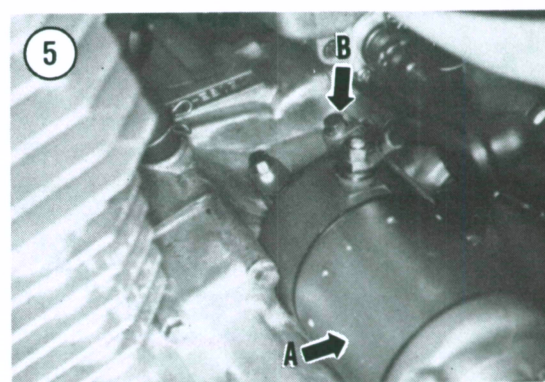
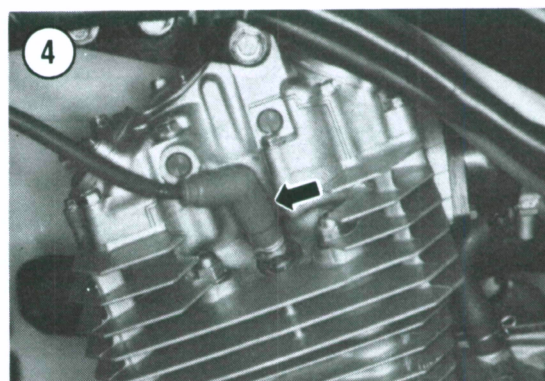
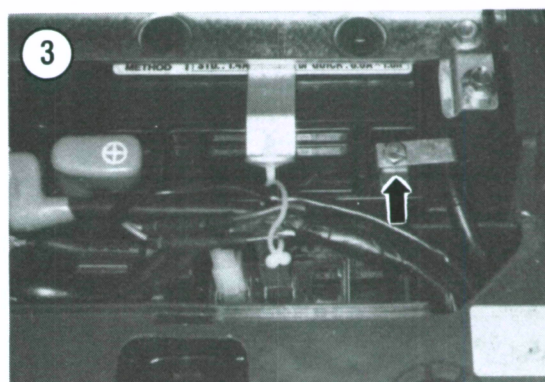
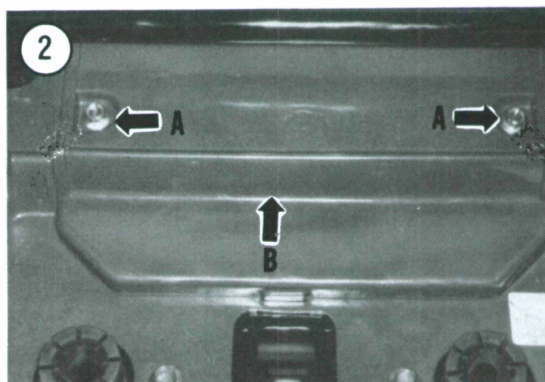
The following components can be serviced while the engine is mounted in the frame (the vehicle's frame is a great holding fixture for breaking loose stubborn bolts and nuts):

- a. Carburetor.
- b. Kickstarter.
- c. Alternator.
- d. Both clutch assemblies.
- e. External shift mechanism.
- f. Starter and starter gears.

ENGINE

Removal/Installation

1. Drain the engine oil as described in Chapter Three.
2. Remove the seat.
3. Remove the bolts (A, **Figure 2**) and remove the battery box cover (B, **Figure 2**).
4. Disconnect the battery negative lead (**Figure 3**).
5. Remove the fuel tank as described in Chapter Seven.
6. Remove the exhaust system as described in Chapter Seven.
7. Remove the carburetor as described in Chapter Seven.
8. On 4-wheel drive models, perform the following:
 - a. Drain the front gear case oil as described in Chapter Three.
 - b. Remove the front drive shaft as described in Chapter Ten.
 - c. Remove the front gear case assembly as described in Chapter Ten.



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